

19990720.qrp v01_n524.qrl.990720

Date: Tue, 20 Jul 1999 19:03:19 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1524

QRP-L Digest 1524

Topics covered in this issue include:

- 1) [45588] Re: PIN diodes at 3.5MHz
by Gary L Surrency <gsurrency@juno.com>
- 2) [45589] Re: JFK, Jr.
by Wayne Alexander <walexan@ipa.net>
- 3) [45590] Re: JFK, Jr.
by ac5ez@webtv.net (Larry B)
- 4) [45591] 2202 Miles Per Watt?
by DENNISMO@aol.com
- 5) [45592] PM-3A For Trade
by "Richard Arland" <r_arland@hotmail.com>
- 6) [45593] IC706 connectors
by "Jerry W. O'Dell" <jwodell@ameritech.net>
- 7) [45594] WTB:broken hitachi visionbook+notebook
by Stan Goldstein <stan@cruzio.com>
- 8) [45595] Re: CW Decoder/Part Numbers
by "Frank Matthews" <fmathews@pilot.infi.net>
- 9) [45596] Re: JFK, Jr.
by Sachsarch@aol.com
- 10) [45597] (no subject)
by Airframe68@aol.com
- 11) [45598] 20 cw
by art marshall <w1fji@vistech.net>
- 12) [45599] Re: QRPp Experiment Continues
by Jim Hale <kj5tf@yahoo.com>
- 13) [45600] Re: OHR WM-2 Pictures
by "William R. Colbert" <af852@rgfn.epcc.edu>
- 14) [45601] unsubribe
by CLGREGORRY@aol.com
- 15) [45602] Last Call for ADE-1 Minicircuits Group Buy
by "Gene Hall" <evhall@ix.netcom.com>
- 16) [45603] Re: 20 cw
by Bob Hightower <ki7mn@extremezone.com>
- 17) [45604] Contesting Program??
by Wayne Alexander <walexan@ipa.net>
- 18) [45605] Re: Contesting Program??
by Paul Erickson <paule@sfu.ca>
- 19) [45606] Re: Contesting Program??

- by "Don Chisholm WX3M" <dchishol@oakland.edu>
- 20) [45607] *ONE* UDF Format QRP-L CD Available
by "Paul R. Valko" <prvalko@oakland.edu>
- 21) [45608] Tips for Doing Well in THE FLIGHT OF THE BUMBLEBEES
by "Russ Carpenter" <russ@natworld.com>
- 22) [45609] Re: JFK, Jr.
by Brian Short <bshort@speedchoice.com>
- 23) [45610] Re: K5FO HELP!!
by N7YA@aol.com
- 24) [45611] Re: K5FO HELP!!
by N7YA@aol.com
- 25) [45612] Re: JFK, Jr.
by "Tracy Underwood" <ku4fl@email.msn.com>
- 26) [45613] Re: QRP Antennas....
by "Tracy Underwood" <ku4fl@email.msn.com>
- 27) [45614] Re: K5FO HELP!!
by Terry Bendell <terryb@bmts.com>
- 28) [45615] Longest contact yet!
by "Charles Hamel" <cdhamel@pdq.net>
- 29) [45616] Re: Sorry for the Rocket posting!!
by Terry Bendell <terryb@bmts.com>
- 30) [45617] Re: JFK,Jr - and looking for a HW-9
by "Tracy Underwood" <ku4fl@email.msn.com>
- 31) [45618] Stuff you don't like
by Pete Burbank <plburbank@kih.net>
- 32) [45619] OT: Re: JFK, Jr.
by "Phil Petsonk n6mly" <n6mly@arrl.net>
- 33) [45620] Antenna Anthology
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
- 34) [45621] FW: DSW20 wrks VK1TM frm PA
by "Paul Norman Craig, Jr." <n3ysi@easy-pages.com>
- 35) [45622] Re: Contesting Program??
by Wayne Alexander <walexan@ipa.net>
- 36) [45623] Re: Mizuho radio info?
by Zack Lau <zlau@arrl.org>
- 37) [45624] 20 cw
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 38) [45625] FS: Bencher Paddle BY-1
by Mark Sailer <msailer@msailer.rhic.bnl.gov>
- 39) [45626] QRP - Really! TT2 and ZM2 stuff
by "Franco, Nicholas J" <franco@bnl.gov>
- 40) [45627] Re: QRP - Really\! TT2 and ZM2 stuff
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
- 41) [45628] Update on Tectronics 2215 scope problem
by Jeff Grudin <grudin@pacific.vdbs.com>
- 42) [45629] RF GND from 2nd STORY??
by kreinbd@ccgate.dl.nec.com (David Kreinberg)
- 43) [45630] Looking for Ten-Tec microphone advice

by "Tom Hybiske" <hybiske@generalatronics.com>
44) [45631] Re:CQ Magazine's K2EEK
by "William R. Colbert" <af852@rgfn.epcc.edu>
45) [45632] VE3DNL KITS: update
by Jay Bromley <w5jay@alltel.net>
46) [45633] RE: TenTec 509 For Sale
by Larry East <w1hue@amsat.org>
47) [45634] Ft. Tuthill Update !
by Jerry Parker <jparker@fix.net>
48) [45635] Re: Contesting Program??
by Paul Erickson <paule@sfu.ca>
49) [45636] Re: QRP - Really! TT2 and ZM2 stuff
by Bruce Muscolino <w6toy@erols.com>
50) [45637] Re: TenTec 509 For Sale
by Bruce Muscolino <w6toy@erols.com>
51) [45638] Re: Fix for Off-Topic Prob
by "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>
52) [45639] EZ METRIC CONVETOR
by KB9OCE@aol.com
53) [45640] Re: RF GND from 2nd STORY??
by "Randy Jouett" <rules@bellsouth.net>
54) [45641] Wanted: QRP kit class "sponsor"
by Dave Ek <ekdave@earthlink.net>
55) [45642] Electronic software wanted:
by Johnny Belshe <km5im@telepath.com>
56) [45643] Re: Contesting Program??
by Bob Patten <n4bp@bc.seflin.org>
57) [45644] Re:QRP Antennas....
by Ed Loranger <we6w@qsl.net>
58) [45645] W7EL and AA7QU Combo for Flight of the Bumblebees
by "Russ Carpenter" <russ@natworld.com>
59) [45646] Re: Electronic software wanted:
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
60) [45647] Ham Shack Euphoria! Bumblebees in Yosemite!
by Ed Loranger <we6w@qsl.net>
61) [45648] RE: TenTec 509 For Sale
by Larry East <w1hue@amsat.org>
62) [45649] NF9K Gold Rush Entry
by "Joel Frederick Kluender" <nf9k@eudoramail.com>
63) [45650] ULTIMATE STRAIGHT KEY? TRY IT AT TUTHILL!
by "Doug Hauff" <slmachco@fix.net>
64) [45651] Where is Ft tuthill?
by "Carl Zmola" <zmola@campbellsci.com>
65) [45652] CW Decoder Parts List...Now Available!
by "Frank Matthews" <fmathews@pilot.infi.net>
66) [45653] Fair Radio Antenna Tether Wire
by Robsparks@aol.com
67) [45654] Milliwatt QRPP fever & miles per watt

by Jim Hale <kj5tf@yahoo.com>
68) [45655] Re: Where is Ft tuthill?
by "Mark E. Monninger" <markem@primenet.com>
69) [45656] Work 'em when they are weak! (was Re: Milliwatt QRPp fever & miles
per watt)
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
70) [45657] Re: Where is Ft tuthill?
by Andy Fox <foxes@theriver.com>
71) [45658] Re: Where is Ft tuthill?
by Andy Fox <foxes@theriver.com>
72) [45659] Re: 20 cw
by RANDY0453@aol.com
73) [45660] Re: RF GND from 2nd STORY??
by Bruce Muscolino <w6toy@erols.com>
74) [45661] Re: 20 cw [and Bumblebee note]
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
75) [45662] Yesterday was a GREAT day! (long)
by "John J. McDonough" <jjmcd@tm.net>
76) [45663] See ya!
by Brian Murrey <brian@iquest.net>
77) [45664] Re: Mizuho radio info?
by "Jim Kortge, K8IQY" <jokortge@cwix.com>
78) [45665] Re: RF GND from 2nd STORY??
by Ed Loranger <we6w@qsl.net>
79) [45666] Re: Qrp Arcii Awards
by Larry Cahoon <wd3p@juno.com>
80) [45667] 2m HT Recommendations/WTB
by "Edward A Kwik jr" <eakwikjr@hti.com>
81) [45668] RE: 2m HT Recommendations/WTB
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
82) [45669] Re: RF GND from 2nd STORY??
by "Randy Jouett" <rules@bellsouth.net>
83) [45670] Ft Tuthill
by Bob Hightower <ki7mn@extremezone.com>
84) [45671] Re: Contesting Program??
by "Al Gritzmacher " <ae2t@localnet.com>
85) [45672] VE3DNL Marker/Generator and Frequency Markers
by Jay Bromley <w5jay@alltel.net>
86) [45673] TOROIDS: AMIDON changed #'s !!??
by S LYON <sslyon@worldnet.att.net>
87) [45674] Ft. Tuthill....AArrrrrrgghhh!!
by "John Moriarity" <k6qq@hdo.net>

Date: Mon, 19 Jul 1999 15:59:56 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: traylor@ECE.ORST.EDU

Cc: qrp-1@Lehigh.EDU
Subject: [45588] Re: PIN diodes at 3.5MHz
Message-ID: <19990719.155956.-4066709.3.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Roger, et. al,

Thanks for the info on your PIN diode experiments. I've been thinking about replacing the DIP T/R relay in my ARK30 with a DIP header plug and some PIN diodes for RF switching. Your efforts have encouraged me to look at this method more closely.

There are several QRP xcvr's in various pub's that use 1N4007's, etc. So it has been done before, and common HV rectifiers should work reasonably well as a cost-effective substitute for "real" PIN diodes that are much more expensive.

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 19 Jul 1999 18:08:15 -0500
From: Wayne Alexander <walexan@ipa.net>
To: qrp-1@Lehigh.EDU
Subject: [45589] Re: JFK, Jr.
Message-ID: <4.1.19990719180509.0092fca0@popd.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

If I want to know about JFK,JR , I will watch TV.
Please drop this and get back to ham radio.
No wonder i can never get my WAS on 40m,because all of you are on the computer blabbing about JFK,JR.
Gees,get on the radio and work some one.
Flame suit on.
73,
N0EA
Wayne

Willard,MO
FISTS # 4907
QRP-L # 1058
Web Page <http://www.qsl.net/n0ea>

Date: Mon, 19 Jul 1999 18:40:18 -0500 (CDT)
From: ac5ez@webtv.net (Larry B)
To: qrp-l@Lehigh.EDU
Subject: [45590] Re: JFK, Jr.
Message-ID: <27700-3793B762-972@postoffice-112.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)
Content-Transfer-Encoding: 7Bit

Thank you ,Wayne and Gary, for your contributions to the jfk thread <g>
K1zw

Date: Mon, 19 Jul 1999 19:48:25 EDT
From: DENNISMO@aol.com
To: qrp-l@lehigh.edu
Subject: [45591] 2202 Miles Per Watt?
Message-ID: <93912a8d.24c51349@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Folks -

On 7/8/99 between 0319z and 0343z I had a FB QSO with Scott N4ZOU in Weaver, Al. I was using my Wilderness Sierra and a 15M Module. As close as I can figure it I was putting out between 800mw - 1000mw into one of those "Clearance Sale" Radio Shack multiband SWL dipoles that were being kicked around on this list about a year ago, remember 'em?. It was about 20 feet above the earth - only 12 feet above the wood-decked patio.. Scott gave me a 599 and said that I was "booming" into Weaver - before I told him what rig or power I was using! I was operating as AD6EZ /P in Morongo Valley - near Palm springs.

Using the website: How far is it? I got the following QSO distance:

Distance result

Distance between Morongo Valley, California, United States and Weaver, Alabama, United States, as the crow flies:

1762 miles (2836 km) (1532 nautical miles)

Initial heading from Morongo Valley to Weaver:
east (81.9 degrees)

Initial heading from Weaver to Morongo Valley:
west (279.4 degrees)

The Miles per watt are:

At 800 mw is: 2202.5

At 1000 mw is: 1762.0

Either way it was a FB QSO with a very nice fellow and my little Sierra QRP rig was really cranking out those mw's. If it were more fun it would have to be illegal ...!

72 es God Bless de Denny AD6EZ <><

Date: Mon, 19 Jul 1999 23:56:31 GMT
From: "Richard Arland" <r_arland@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [45592] PM-3A For Trade
Message-ID: <19990719235632.94404.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Lets try this again.....

I have a Ten-Tec Power Mite PM-3A that I would like to trade for a monoband QRP rig like the Red Hot Radio, NC-20 or DSW-40...or similar.

This rig is circa 1969-71 (or so), covers 40 & 80 meters, CW only. Fully transistorized, semi-break in, direct conversion receiver. Cute little cream case with wood grain end panels.

Over all condition: 6-7 on a 10 scale. Mods: 1/4 inch phone jack in front panel between the volume and receiver resonate control and a SO-239 had been added on the back for antenna connections. Other than that it is a stock rig complete with original knobs and manual.

If you have something to trade that fits the criteria, shoot me a

private e-mail and we'll see if we can work out a deal. Now's your chance to own a piece of REAL QRP history.

73 Rich K7SZ

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Date: Mon, 19 Jul 1999 19:56:43 -0400
From: "Jerry W. O'Dell" <jwodel@ameritech.net>
To: qrp-l@lehigh.edu
Subject: [45593] IC706 connectors
Message-ID: <19990719235908.CGBE16694.mailhost.det.ameritech.net@default>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Not really relevant, but turns out that the connector for the TS570 is 13 pins, and seems to be the same as the IC706, which costs a lot more.

Namely, \$9.95 from AES.

73 jerry w8gnd

Date: Mon, 19 Jul 1999 17:17:23 -0700
From: Stan Goldstein <stan@cruzio.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45594] WTB:broken hitachi visionbook+notebook
Message-ID: <3793C012.17BCF28F@cruzio.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sorry for the non-qrp topic, but the LCD display on my laptop got broken during my vacation and I need help.

Looking for your non-working Hitachi visionbook plus notebook ,

4000 series.
(That's 4140, 4140x 4150x models.)

I need the lcd screen as mine got smashed.

Thanks for any help ,

Stan Goldstein , N6XU , 831-722-0588 , stan@cruzio.com

Date: Mon, 19 Jul 1999 20:23:42 -0400
From: "Frank Matthews" <fmathews@pilot.infi.net>
To: "Russell Chandler" <rhchan@widomaker.com>
Cc: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [45595] Re: CW Decoder/Part Numbers
Message-ID: <006c01bed246\$202cc060\$380a61d1@fmathews>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> Read your posting to QRP-L yesterday evening and would
>be most interested in any replies that you may receive in
>response. I too ordered the board and PIC from Far Circuits
>but did not pay much attention to the parts lists. Any
>information you could forward would be very much appreciated.

Russ,

Contacted a representative from ARRL and got a reply via e-mail today. My main concerns were the microprocessor crystal and the 0.1uf capacitors. I was told that the crystal was not critical...any type 4 MHz crystal would work. I'm gonna go with a HC-49U style case with 20 pf load capacitance (Digi-Key CTX006-ND is the part number). As for the .1uf capacitors some folks on the listserver mentioned just looking at the prototype on the cover to get an idea of which ones to use. I just decided to use some from Radio Shack (#272-109A). They are monolithic dip ceramic capacitors and come five to a package. They also had the 1N34A diodes as well (#276-1123) which I had a hard time locating in the Mouser and Digi-Key catalogs.

The reason part numbers were not listed was the author is from Italy and naturally did not get his parts from the states. When I get my order complete (later this week) I'll share the part numbers I came up with. I'll post to the listserver when completed and if anyone wants it they can reply directly and I'll be happy to send it to them.

I would also like to note that I was very surprised at the number of

replies I received...not for suggestions to parts but for almost condemning me for entertaining the thought of building such a project. I just happen to be a "gadget man" and thought it would be neat to build. I didn't realize I was going to almost offend people! Whew...

72, Frank
KC4FKX

Date: Mon, 19 Jul 1999 20:40:38 EDT
From: Sachsarch@aol.com
To: walexan@ipa.net, qrp-1@lehigh.edu
Subject: [45596] Re: JFK, Jr.
Message-ID: <389a9b22.24c51f86@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

ditto

Date: Mon, 19 Jul 1999 20:49:14 EDT
From: Airframe68@aol.com
To: qrp-1@lehigh.edu
Subject: [45597] (no subject)
Message-ID: <8a62db02.24c5218a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Remove qrp-1

Date: Mon, 19 Jul 1999 21:15:49 -0400 (EDT)
From: art marshall <w1fji@vistech.net>
To: qrp-1@lehigh.edu
Subject: [45598] 20 cw
Message-ID: <199907200115.VAA19406@44mag.vistech.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I was on 20 cw onna way home tonight in the truck, and the band sounded very funny, did anyone else experience any real funny conditions. I could hardly copy anyone, the band was in and out and all sigs just didnt sound clear. I switched to 40 and everything was good. the time was 7pm to 8pm edst.
tks, 73 Art w1fji

Date: Mon, 19 Jul 1999 21:23:19 -0400 (EDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [45599] Re: QRPp Experiment Continues
Message-ID: <19990720012319.18633.rocketmail@web706.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Wow! Ed is really showing us how to do the milliwatt thing right!
Ok, 100,000 miles per watt - lets do it!

Great job Ed - Keep on posting your reports - awesome!

72/71's de Jim KJ5TF

>Turned my QRP+ down to 50mW tonight; Got a late start
>and the band was
>not as open as usual but here are the results.
>Worked F8IXZ (France) on 20m, 579 report, about
>79,615 miles/watt.
>Worked DL1SQ (Germany) on 20m, 449 report, about
>80,840 miles/watt.
>Worked I3KAN (Italy) on 20m, 559 report, about 85,445
>miles/watt.
>In case your wondering, my antenna is a simple,
>center-fed, dipole
>not quite horizontal at about 31 feet. I'm using my
>OHR QRP wattmeter
>to measure output.

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Mon, 19 Jul 1999 07:29:15 -0600
From: "William R. Colbert" <af852@rgfn.epcc.edu>
To: qrp-1@lehigh.edu
Subject: [45600] Re: OHR WM-2 Pictures
Message-ID: <3793282B.5B2BADBC@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, I haven't made it to the site to look at the pix yet. Next best thing is that I am looking at my WM-2 which I just finished yesterday - works great and only problem I had was trying to visualize the switches from the rear - and of course I got them in the wrong way - should have checked the switching action first. Once I corrected that, the alignment was a breeze and it seems to be working great. One question for those that are using a WM2 - is it normal for the meter to bounce about when in the 1 watt and 100mw positions? Perhaps to the rf energy from a nearby broadcast transmitter, and on occasion, nearby thunderstorm activity. Just a matter of curiosity as I don't think I have seen other wattmeters do this before.

73
Ray

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, OOTC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Mon, 19 Jul 1999 21:28:45 EDT
From: CLGREGORRY@aol.com
To: qrp-1@lehigh.edu
Subject: [45601] unsubribe
Message-ID: <87997a59.24c52acd@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am going to be out of touch for a while and need to unsubscribe until I get back.

Thanks

Date: Mon, 19 Jul 1999 22:51:06 -0400
From: "Gene Hall" <evhall@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <nn7ck@arrl.net>
Subject: [45602] Last Call for ADE-1 Minicircuits Group Buy
Message-ID: <01ba01bed25a\$b7c54140\$2ea9dccf@#evhall>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have received quite a number of requests for the Minicircuits group buy and will be closing the availability period this Friday so I can get a final quote based on the total quantity.

If anyone else is interested please see my post of June 28 in the on-line archive or contact me direct. Any Minicircuits part listed in their catalog can be ordered in the Group Buy without concern about their minimum purchase requirement.

73, ... Gene ... NN7CK ... Louisville, KY ...
nn7ck@arrl.net

Date: Mon, 19 Jul 1999 19:59:28 -0700
From: Bob Hightower <ki7mn@extremezone.com>
To: w1fji@vistech.net
Cc: qrp-l@lehigh.edu
Subject: [45603] Re: 20 cw
Message-ID: <199907200252.TAA04462@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:15 PM 7/19/99 -0400, you wrote:

>

>I was on 20 cw onna way home tonight in the truck, and the band sounded
>very funny, did anyone else experience any real funny conditions. I could
>hardly copy anyone, the band was in and out and all sigs just didnt sound
>clear. I switched to 40 and everything was good. the time was 7pm to 8pm
edst.

>tks, 73 Art w1fji

>

Yup, it was lousy. I thought my K2 had bought the farm, but the band
finally came up long enough for a qso with a NC station, so it must have
been atmospherics, or whatever. Been that way the last few days (tho
thankfully, not too bad for yesterday's test).

72,73

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Mon, 19 Jul 1999 21:59:17 -0500
From: Wayne Alexander <walexan@ipa.net>
To: qrp-l@lehigh.edu
Subject: [45604] Contesting Program??
Message-ID: <4.1.19990719215540.00929250@popd.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Could some one tell the web site to NA and TR-LOG.

I am thinking about a contest program.

What is the best one out there?

Would like it to able to key the rig with it also.

I know I will get a bunch of E-mail but love it.

Thanks,

73,

N0EA

Wayne

Willard,MO

FISTS # 4907

QRP-L # 1058

Web Page <http://www.qsl.net/n0ea>

Date: Mon, 19 Jul 1999 20:13:02 -0700 (PDT)
From: Paul Erickson <paule@sfu.ca>
To: walexan@ipa.net
Cc: qrp-l@lehigh.edu (qrp)
Subject: [45605] Re: Contesting Program??

Message-ID: <199907200313.UAA28318@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Wayne,

Check out contesting.com for TRlog. I have tried NA, Writelog, and CT, but in my view for cw contesting, TRlog is still tops.

While NA allows paddle entry, it's interface is too much like CT (sorry Bob).

Writelog relies too much on the mouse, which leaves the cw op with three devices to contend with.

TRlog will allow computer control of the rig, and keying, (as do NA and Writelog) but it also has the best interface for Single op two radio contesting. Tree also provides excellent customer service.

cheers, Paul VE7CQK/email: paule@sfu.ca

>
> Could some one tell the web site to NA and TR-LOG.
> I am thinking about a contest program.
> What is the best one out there?
> Would like it to able to key the rig with it also.
> I know I will get a bunch of E-mail but love it.
> Thanks,
> 73,
> NOEA
> Wayne
> Willard,MO
> FISTS # 4907
> QRP-L # 1058
> Web Page <http://www.qsl.net/n0ea>
>

Date: Mon, 19 Jul 1999 23:15:31 -0400
From: "Don Chisholm WX3M" <dchishol@oakland.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [45606] Re: Contesting Program??
Message-ID: <00f501bed25e\$20573ee0\$82f80718@roalok1.mi.home.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I personally use NA (10.40) - very versatile and quite powerful
it includes a modification/customization of contest template for use for the
many smaller QRP contests

<http://www.contesting.com/datom/>

74
don

Don Chisholm - WX3M
Oakland University - Department of Music, Theatre, and Dance
undergraduate - secondary instrumental music education
dchishol@oakland.edu
<http://www.oakland.edu/~dchishol/>

> Could some one tell the web site to NA and TR-LOG.
> I am thinking about a contest program.
> What is the best one out there?
> Would like it to be able to key the rig with it also.

Date: Mon, 19 Jul 1999 23:25:22 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@lehigh.edu>
Subject: [45607] *ONE* UDF Format QRP-L CD Available
Message-ID: <Pine.OSF.3.95.990719232001.5111A-100000@saturn1.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If you have a newer PC or know your CD drive is multisession compatible
(usually over 24 speed - 24X), I have *** ONE *** UDF formatted
CD available to the first person who responds to this note - sorry digest
readers.

This CD was returned by a QRP-L friend who could not read it in an older
PC. It has been checked by me to be A-OK and re-labeled with a new W8KC
label, stating that it is a UDF disk.

\$10

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Mon, 19 Jul 1999 20:32:36 -0700
From: "Russ Carpenter" <russ@natworld.com>
To: "QRP-L List" <qrp-l@lehigh.edu>
Subject: [45608] Tips for Doing Well in THE FLIGHT OF THE BUMBLEBEES
Message-ID: <199907200326.UAA22498@guppy.pond.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Sunday, July 25, is the big day for the Flight of the Bumblebees. It will be one of the special days. More than 100 Bees will go to extraordinary lengths to make this a quality experience for players at home and in the wilderness. (For a refresher on the rules, go straight to http://www.natworld.com/ars/pages/bumblebees/bb_rules.html.)

Wondering how to be successful in the Bee game? Here are a few ideas.

TIP ONE--remember all the goofy ways to win.

You can win fame the old fashioned way by running up a ton of points. But don't forget that we will give equal glory for three non-traditional categories:

- Most beautiful site,
- Most outrageous venture, and
- Most interesting equipment.

TIP TWO--don't spend too much time on 40 meters.

It's always tempting to hang around the neighborhood on 40 meters, but remember that the Flight of the Bumblebees is intended to be a national contest. We want those rays skipping all over the place. To encourage you to spread your wings, we give two points for every contact on 20, 15 and 10 meters, and only one measly point for a contact on 40.

TIP THREE--give some serious attention to 15 meters

During Field Day 1999, 15 meters was just great. With a little luck, we will have the same wonderful conditions on Sunday. So stir things up on 15.

TIP FOUR--if you're a Bee, don't forget your Bee number

This year, part of the exchange will be your Bee number. It would be frustrating to forget the darn thing. Are you a little uncertain even now? Just hop on over to the roster at http://www.natworld.com/ars/pages/bumblebees/1999bb_roster.html and check it out.

See ya on Sunday!

Russ Carpenter, AA7QU
Contest Manager for The Adventure Radio Society

Date: Tue, 20 Jul 1999 03:46:52 +0000
From: Brian Short <bshort@speedchoice.com>
To: qrp-l@lehigh.edu
Subject: [45609] Re: JFK, Jr.
Message-ID: <4.1.19990720034541.021712d0@mail.phoenix.speedchoice.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Who will be chairing the JFK Jr seminar at Ft Tuthill?

At 08:13 AM 7/19/99 , you wrote:
>73, de Roger, N7KT
>qrp-l #62, NorCal #1099, Zombie #006
>Mesa, AZ 85202

--
Brian K. Short <http://www.qex.net/k7on/> <mailto:k7on@arrl.net>
--

Date: Tue, 20 Jul 1999 00:10:20 EDT
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [45610] Re: K5FO HELP!!
Message-ID: <4a7572cc.24c550ac@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 7/19/99 12:25:32 PM Pacific Daylight Time, k7gt@arrl.net writes:

<< Chuck, please bring this silly JFK Jr bashing to a halt. It is COMPLETELY non-QRP related and OFFENSIVE to boot. >>

Please!! This has gotten too crazy...i had an opinion at first, but who really needs it. I fully agree with the above request.

73...Adam, N7YA

Date: Tue, 20 Jul 1999 00:24:30 EDT
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [45611] Re: K5FO HELP!!
Message-ID: <97540ad0.24c553fe@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 7/19/99 9:12:50 PM Pacific Daylight Time, N7YA@aol.com writes:

<< << Chuck, please bring this silly JFK Jr bashing to a halt. It is COMPLETELY non-QRP related and OFFENSIVE to boot. >>

Please!! This has gotten too crazy...i had an opinion at first, but who really needs it. I fully agree with the above request.

>>

oops...i sent this early on when checking my mail, got caught up in it and didnt realize this "thread" had died on its own...my apologies.

73...Adam, N7YA

Date: Mon, 19 Jul 1999 23:55:15 -0500
From: "Tracy Underwood" <ku4fl@email.msn.com>
To: <ac5ez@webtv.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [45612] Re: JFK, Jr.
Message-ID: <006d01bed26c\$234555c0\$eb340a3f@default>

Too bad the popular media and their "own little world" aren't the ones lost at sea. I doubt there would be much of a search.

-----Original Message-----

From: Larry B <ac5ez@webtv.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, July 19, 1999 11:58 AM
Subject: Re: JFK, Jr.

No one should be surprised at the search or media coverage for jfk jr. The media lives in its own little world, where in this case the Kennedys are , "the closest thing to royalty we have".

k1zw

Date: Tue, 20 Jul 1999 00:00:16 -0500
From: "Tracy Underwood" <ku4fl@email.msn.com>
To: <william.nichols@epa.state.oh.us>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [45613] Re: QRP Antennas....
Message-ID: <007a01bed26c\$c4ac9c20\$eb340a3f@default>

I recommend the Small Wonder SW+ series of QRP transceivers as the best combination of simplicity and performance.

72; Tracy KU4FL

-----Original Message-----

From: William Nichols <william.nichols@epa.state.oh.us>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, July 19, 1999 12:50 PM
Subject: QRP Antennas....

Greetings!

For someone new to QRP, such as myself, this listserv is awesome!

Question #1: Are there any real portable antennas for 40 or 20 meters? By portable I'm thinking of some kind of simple vertical or something like that, that you could just pull out of your briefcase and use.

Question #2: What is a good QRP kit in the \$100 range to start with for a

somewhat new kit builder?

Thanks, 73, Nick, KB8RBK

Date: Tue, 20 Jul 1999 01:02:09 +500
From: Terry Bendell <terryb@bmts.com>
To: <N7YA@aol.com>
Cc: <qrp-1@Lehigh.EDU>
Subject: [45614] Re: K5FO HELP!!
Message-ID: <199907200504.BAA18631@Alice.BMTS.Com>
MIME-Version: 1.0

An outgrowth of the 1950's Black Brant 1 program, Black Brant II's payload capacity was increased to 6.2 cu. ft. by changing the nose cone's shape. The Canadair airframe (17.2" dia.x 27' 8" tall) was aerodynamically stabilized by 3 fixed fins. Total fin span was 39". The motor contained 2,000 lbs. of solid propellant and delivered 16,000 pounds of thrust over a 25 second burn time. Total vehicle weight with propellant was 2,642 lbs. The first two Black Brant II's were launched in October 1960 at Fort Churchill, Canada. The next two were launched from Wallops Island, VA during November, 1961. Used by the Canadian Armament Research and Development Establishment (CARD) for upper atmosphere research studies, Black Brant II's were fired mostly in Canada's Northlands, carrying up to 150 pounds of payload to altitudes of 100 statute miles. Atmospheric Rockets such as the the CARDE Black Brant Series were dwarfed by the huge Apollo spacecraft of that era, with her five Rocketdyne engines the Apollo Saturn V could produce more then one million pounds of thrust and propel the vehicle to speeds of six thousand miles per hour in less then 2 1/2 minutes.

Terry Bendell

Net-Tamer V 1.11.2 - Test Drive

Date: Tue, 20 Jul 1999 00:14:50 -0500
From: "Charles Hamel" <cdhamel@pdq.net>
To: "QRP List" <qrp-1@Lehigh.EDU>

Subject: [45615] Longest contact yet!
Message-ID: <011201bed26e\$ccea5f60\$92e690d1@cdhame1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="windows-1250"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My heart's a pumping 90 to nothing once again, Hey this QRP stuff is good exercise for the heart. hi hi A newbie to QRP of 3 months I just made a 2511 mile contact with 2 watts from a SWL40+ I built. From Texas to Washington State. I cant wait to upgrade to General so I can get on 20 meters, DX here I come!!

73's

Charles
KC5DXQ - Norcal Zombie - HQRP- QRP-L #1919
<http://www.angelfire.com/de/kc5dxq/index.html>

Date: Tue, 20 Jul 1999 01:11:08 +500
From: Terry Bendell <terryb@bmts.com>
To: <N7YA@aol.com>
Cc: <qrp-l@Lehigh.EDU>
Subject: [45616] Re: Sorry for the Rocket posting!!
Message-ID: <199907200513.BAA20177@Alice.BMTS.Com>
MIME-Version: 1.0

Sorry for the Rocket posting, It was supposed to go to another place but ended up on the reflector. Apologies...

Terry Bendell

Date: Tue, 20 Jul 1999 00:13:09 -0500
From: "Tracy Underwood" <ku4fl@email.msn.com>
To: <terryb@bmts.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [45617] Re: JFK,Jr - and looking for a HW-9
Message-ID: <009301bed26e\$8fec0dc0\$eb340a3f@default>

Sorry Terry, but that's what our forefathers came to America for: to never again worship any human being as better than any other. Celebrity is a lie. We should all practice turning off the TV which lies to us, and turn on our QRP rigs instead.

Tracy, KU4FL

-----Original Message-----

From: Terry Bendell <terryb@bmts.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Monday, July 19, 1999 3:16 PM

Subject: Re: JFK,Jr - and looking for a HW-9

>

>On 1999-07-19 aturner@netunlimited.net said:

> >Makes me want to choke the living crap out of the next half wit

> >that says they are the closest thing we have to royalty. That's why

> >we have this country we don't want any royalty. To be a t.v.

> >reporter u must have to a take a test on general knowledge the

> >lower your score the better ur chances of getting the job. I'm

> >sorry for this tirade,I gets it's the recovering at home and not

> >being able to see much else on the boob tube.

> >Alex N4BYJ

>

> Perhaps your being a little too harsh Alex? Maybe what many people

> mean by the "Royalty" remark is that they share the same sort of

> International recognition and Respect because of their publicity as the

> Royal Family. Both Have had the spotlight on them for years. Perhaps

> being an American you cannot understand that others including myself

> who are not american can respect and feel remorse for the Kennedy

> and Royal Family (Great Britian) losses. In truth they were just

> people, but they were people who made the news, right or wrong we have

> always followed their doings.

>

>

> And now veering back on topic I was wondering if anyone can help me

> track down a HW-9? I picked up a WARC band kity for it as well as a

> matching wattmeter/swr/tuner. Now all I need is the Radio :^)

>

> 73

> Terry

>

Date: Tue, 20 Jul 1999 01:28:47 -0400

From: Pete Burbank <plburbank@kih.net>
To: <qrp-l@Lehigh.EDU>
Subject: [45618] Stuff you don't like
Message-ID: <3.0.32.19990720012843.006856b4@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang...This has probably been said before but bears repeating.
A simple way to keep your blood pressure down is to use something
like Eudora (Honey Pie) and send all the QRP-L to the trash area.
Then you simply read all the titles and file the neat stuff and then
dump the trash bin. It's real simple and lets you have more time
on the airwaves....or the roof...or with the children or spouse.
Getting riled up about threads is generally a waste of time,
like hanging out in bars...
Hpe to see all'y'all on the air...the solar flux is 141 and things
are quiet.
73 Pete NV4V Luthier, Paddle wheelboat pilot etc number who cares.

Date: Tue, 20 Jul 1999 01:33:06 -0400
From: "Phil Petsonk n6mly" <n6mly@arrl.net>
To: <qrp-l@Lehigh.EDU>
Subject: [45619] OT: Re: JFK, Jr.
Message-ID: <01c001bed271\$6f7923e0\$6f1e3004@phil>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Pleazzzzze! If you want to comment about the JFK media feeding frenzy
then PLEASE preface the subject with "OT:". I have my filter set up and
it will automatically save all such messages in the "Off Topic" folder
where I can review it AFTER I've read the real QRP related messages.
(See, I'm not even sending it to the "Junk Mail" folder so I actually
will read most of them later but NOT when I'm interested in QRP.)

Now, this is a threat. Use "OT:" or I will jump down the net and beat
you up and if that down't work I will put a nail in your coax like I do
to jammers and freebanders.

Phil, n6mly

----- Original Message -----
From: Tracy Underwood <ku4fl@email.msn.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Tuesday, July 20, 1999 12:55 AM
Subject: Re: JFK, Jr.

Too bad the popular media and their "own little world" aren't the ones
lost
at sea. I doubt there would be much of a search.

-----Original Message-----

From: Larry B <ac5ez@webtv.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, July 19, 1999 11:58 AM
Subject: Re: JFK, Jr.

No one should be surprised at the search or media coverage for jfk jr.
The media lives in its own little world, where in this case the
Kennedys are , "the closest thing to royalty we have".

k1zw

NetZero - We believe in a FREE Internet. Shouldn't you?
Get your FREE Internet Access and Email at
<http://www.netzero.net/download/index.html>

Date: Tue, 20 Jul 1999 10:03:42 +0100
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
To: "QRP-L" <qrp-l@lehigh.edu>, "GQRP-L" <gqrp@onelist.com>
Subject: [45620] Antenna Anthology
Message-ID: <00dc01bed28f\$17d146e0\$36ef5cc3@prsat0x1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Orders from DX:

I have checked with our post office. You can pay via International Money
Order, but the amount must be written in pounds, otherwise I cannot cash it.

...

Frank Lee, G3YCC,

8 Westland Road,
Kirk Ella,
Hull HU10 7PJ

Date: Tue, 20 Jul 1999 06:48:22 -0400
From: "Paul Norman Craig, Jr." <n3ysi@easy-pages.com>
To: "'qrp-1'" <qrp-1@lehigh.EDU>
Subject: [45621] FW: DSW20 wrks VK1TM frm PA
Message-ID: <01BED27B.DFE834E0@d35.easy-pages.com>

From: Paul Norman Craig, Jr.[SMTP:n3ysi@easy-pages.com]
Sent: Monday, July 19, 1999 10:39 PM
To: 'qrp-1'
Subject: DSW20 wrks VK1TM frm PA

Gang,

Originally I was worried that I wasn't getting my full two watts out on this new rig. Now, I don't care - wadiya want all that pwr for anyway? Just worked VK1TM from here in eastern PA and it was a complete qso AND there were 2 other stations in there but he came back to me.

Mom always said clean living would pay off.

72 de n3ysi
Paul in Quakertown, PA

Date: Tue, 20 Jul 1999 07:19:24 -0500
From: Wayne Alexander <walexan@ipa.net>
To: qrp-1@lehigh.edu
Subject: [45622] Re: Contesting Program??
Message-ID: <4.1.19990720071553.0092e7a0@popd.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Could you good people tell me what contest the TRlog and NA covers.
I have looked at there web site and they do not tell me.
They say that you can add any contest,but I want to know what they are set up with already.

Thanks for all the replies so far.
Have a great day.
73,
N0EA
Wayne
Willard,MO
FISTS # 4907
QRP-L # 1058
Web Page <http://www.qsl.net/n0ea>

Date: Tue, 20 Jul 1999 08:43:06 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-l@lehigh.edu
Subject: [45623] Re: Mizuho radio info?
Message-ID: <37946EDA.FC7BE38A@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'm not sure if anyone in the USA can supply these--WB0GAZ
worked with ICM toward trying to make them--ordinary crystals
don't have the tuning range. 73--Zack W1VT

Date: Tue, 20 Jul 1999 08:45:53 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:w1fji@vistech.net" <w1fji@vistech.net>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.edu>
Subject: [45624] 20 cw
Message-ID: <199907200849_MC2-7DA5-A4EC@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Art:

Just now got on e-mail and saw your note and Bob Hightower's reply. Don't
know about *earlier* tonight.....but just now I have been on 20 Metres
knocking off EU DX as fast as I can call them. Everything from RA to UE to

SP and SM and OK. Unbelievable. Sounds like a pipeline from here in central ND. Sure wish I didn't have an early work day tomorrow :-).

72,

--Doc Lindsey/K0EVZ
DSBF
PO BOX 6028
Bismarck, ND 58506
70511.3041@compuserve.com

Date: Tue, 20 Jul 1999 09:20:31 -0400
From: Mark Sailer <msailer@msailer.rhic.bnl.gov>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [45625] FS: Bencher Paddle BY-1
Message-ID: <3794779F.BC1F2538@msailer.rhic.bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For Sale
Bencher Iambic Paddle BY-1
Black Base
Missing BENCHER Logo label
Some small rust marks between the clear paddles and arm,
where the rivets go through the arm. Otherwise in good condition.

\$60 plus shipping

--

Mark Sailer
N2JTW

Date: Tue, 20 Jul 1999 09:40:52 -0400
From: "Franco, Nicholas J" <franco@bnl.gov>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [45626] QRP - Really! TT2 and ZM2 stuff
Message-ID: <698DB793D712D31180B600902746422D17C3E8@exchange01.bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hola gang,

First, a question to anyone who has built or is building a Norcal "Back to the Future" Tuna Tin 2. Having stuffed the board and drilled the can and mounted the connectors, I tried wiring everything up last night. Hmmm, the key jack threw me a little. It says to keep the key jack insulated from ground as the 12 vdc is introduced to the board via the key. Huh? Then you bring the + 12 vdc from the power jack on the can to the key jack on the board. What do you do with the shield side of the key jack? Leave it hanging in the breeze? Ground it (I don't think so)? Then the key itself acts like a big power switch? So when you key down, you complete the circuit from the power jack to the + vdc into the board via the key jack? Phew! I better understand this before I go hooking up a computer serial port to the key jack to use TRlog or something! I just don't want to let the magic smoke out of any components by not understanding this circuit. Any help/advice is gladly appreciated.

Now! The good stuff; the stuff we love to have happen... Yep, came home last night (narrowly escaping a very serious rain storm on the motorcycle) and found a nice little package waiting for me. No it wasn't a K2 - knock it off! It was EMTECT ZM-2 ATU. Wow! nice little tuner. I have it almost completed. I took my time to make the front panel look real nice. I just have to solder in the 50 ohm loads and wire up the LED. Everything else is finished and it looks great. It has provision for a coax fed antenna and balanced wire, all in a very small (backpacking size) case. I can't wait to try it out. Then I'll really be ready for some more hiking and camping trips. I've always used resonant antennas because I didn't want to lug a tuner with me. This tuner will be a pleasure to bring anywhere. I'm guessing that you can't have both coax and balanced line hooked up at the same time. I didn't see a switch for that. I have to finish reading the rest of the manual before trying it out. But, all in all, a very good day, yesterday. Now to play.

Hope you all have a great day. Hope you all are using good subject lines otherwise the delete before reading is definitely in effect here. I go strictly by Subject. It keeps the frustration factor down to a minimum. I only read what I want to, so I don't care what gets posted :-). Still gotta love this list!

72,

Nick - kf2ph . .

Nicholas J. Franco <>> BROOKHAVEN NATIONAL LABORATORY
Systems Administrator RHIC Project Building 1005
Tel: (516) 344-5467 UPTON, NY 11973-5000
Fax: (516) 344-3674 Ham Call: KF2PH

Email: nickf@bnl.gov <http://www.rhichome.bnl.gov/People/franco>

Date: Tue, 20 Jul 1999 09:59:17 -0400
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-1@lehigh.edu
Subject: [45627] Re: QRP - Really\! TT2 and ZM2 stuff
Message-ID: <379480B5.4A36@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Franco, Nicholas J wrote:

> First, a question to anyone who has built or is building a Norcal "Back to
> the Future" Tuna Tin 2. Having stuffed the board and drilled the can and
> mounted the connectors, I tried wiring everything up last night. Hmmmm,
> the key jack threw me a little. It says to keep the key jack insulated from
> ground as the 12 vdc is introduced to the board via the key. Huh? Then you
> bring the + 12 vdc from the power jack on the can to the key jack on the
> board. What do you do with the shield side of the key jack? Leave it
> hanging in the breeze? Ground it (I don't think so?)? Then the key itself
> acts like a big power switch? So when you key down, you complete the
> circuit from the power jack to the + vdc into the board via the key jack?
> Phew! I better understand this before I go hooking up a computer serial
> port to the key jack to use TRlog or something! I just don't want to let
> the magic smoke out of any components by not understanding this circuit.
> Any help/advice is gladly appreciated.

Hi, Nick,

Yes, that key line does NOT key to ground, but is simply an on/off switch that turns on and off the 12 volts to key the radio. DO NOT GROUND EITHER LEAD. The Quick keyer I used to key the TT2 and to control the T/R PIN diodes and mutable amp for my TT2 "transceiver" keys to ground, so I used a small reed relay to accomplish the keying. I connected one side of the relay coil to 12 volts, the other side to the KEYS's key line, then used the relay switch to key the TT2, with no part of the switch side of the relay and the TT2 key line grounded.

73,
Ed Hare, W1RFI

Date: Wed, 21 Jul 1999 07:05:17 -0700
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [45628] Update on Tectronics 2215 scope problem
Message-ID: <3795D39D.BBA52943@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just thought I would let you guys know of my progress on the out of focus scope. Through the help of many on this list, I was able to narrow the problem down to the high voltage supply. In fact, John, KH7T, was able to narrow it down to possibly several of a set of resistors. Stuart, K5KVA, had the same idea and directed me toward that end. This was much better advice than I got from tectronics, who basically told me to trash the scope.

After having to go out and buy a set of torx drivers so that I could get into the scope, I found these resistors way out of spec. They were supposed to be 510K, but varied from 570K to 13Mohm.

I replaced the whole set of 6 with new slightly larger 2% ones and the scope fired right up with a nice clean trace.

Pretty cool, a 60MHz scope for \$2.00. Now to find some scope probes at the next swapmeet.

--
73 de AC6KW <mailto:grudin@vdbs.com>
Jeff Grudin, DVM Web Add: <http://www.vdbs.com/~grudin>
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

Date: Tue, 20 Jul 1999 09:15:32 -0500
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
To: qrp-l@Lehigh.EDU
Subject: [45629] RF GND from 2nd STORY??
Message-ID: <0016F87F.4159@ccgate.dl.nec.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part
Content-Transfer-Encoding: 7bit

Gang,

I am having a house built and will be moving by November, or so.
The new shack will need to be located on the 2nd floor of the new
digs.

What is the best way to provide an adequate/effective RF ground? I've
read that putting 1/4 w1 radials for each band on the antenna matcher
helps. Also, the MFJ artificial ground may help.

Any other ideas? Are some of you out there in this same predicament?

TIA for your comments.

73 de Dave, NR3E
QRP-L #25
nr Dallas, TX

Date: Tue, 20 Jul 1999 10:16:03 -0400
From: "Tom Hybiske" <hybiske@generalatronics.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [45630] Looking for Ten-Tec microphone advice
Message-ID: <018901bed2ba\$693b5a40\$8c68f326@generalatronics.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

'Mornin Guy's,

I'm in the process of re-building my station from the tower back to the
shack after a long period of inactivity. I recently aquired a Ten-Tec 556
Argo, and a 515 Argonaut. The mike connectors are different for each radio
with one being the 4 pin, and the other being a 1/4" stereo phone jack. Not
having a mike for either radio, I was wondering if there's a desk model that
would work with both, and make an adapter cable for one the the rigs. I use
a Shure 444 with my QRO gear, but its 4 pin connector is not the same as the
Argo's. I have no previous experience with Ten-Tec equipment, so I don't
know how well their microphones perform. BTW, I spend about 75% of my time
in the CW bands, so I'm looking for something that will do the job for the
few times I would use it. Your advice is valued, and appreciated.

Thanks,
Tom K3GM

Date: Tue, 20 Jul 1999 08:29:14 -0600
From: "William R. Colbert" <af852@rgfn.epcc.edu>
To: qrp-1@lehigh.edu
Subject: [45631] Re:CQ Magazine's K2EEK
Message-ID: <379487BA.44520B3F@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

CQ Editor Alan M. Dorhoffer, K2EEK, SK (July 19, 1999) --

Never met the man personally but as editor of CQ and I think part owner, he was responsible for a tremendous amount of QRP related articles appearing in the magazine. I sent a mailing to CQ offering my condolences to his family, friends and staff. I think ham radio in general and qrp in particular has lost one of the great contributors and supporters of the hobby.

RIP K2EEK

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Tue, 20 Jul 1999 09:33:10 -0500
From: Jay Bromley <w5jay@alltel.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45632] VE3DNL KITS: update
Message-ID: <379488A6.8D329FAB@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

I've been super busy, but I have keep up with the kit orders. I piled up a few of last weeks orders because of Doug's visit (had to blame someone). Every order I have and get in today will go out today. Orders after today will have a slight delay, I am going to make it Fort Tuthill later this week.

I still get a lot of e-mail wondering if these are still available and the answer is yes. Both Doug and Chuck have had some input on this. There are a bunch of new QRPers coming on board every week and I will keep making the kits for the newbies till I can't get parts or I wear out, hihi.

The problems so far have been few. The biggest has been momentarily touching the battery backwards, puff goes the chip. One mod to prevent this would be to add a series diode to the power lead. Just break the B+ lead and put the band of the diode towards the circuit board. I tried this and it works fine for those late night screwups. Some people just add a chip socket so they can reload another bullet.

What is a VE3DNL Marker/Generator kit?? Check out the the world's best QRP web site!! <http://www.fix.net/~jparker/norcal.htm>

Many thanks for all the orders and help.
73 de w5jay..

Date: Tue, 20 Jul 1999 08:40:39 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [45633] RE: TenTec 509 For Sale
Message-ID: <3.0.3.32.19990720084039.00936570@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gee... no interest what-so-ever in my very fine TenTec 509! Guess the mods scared everyone off. Just for the record, the mods were properly done (not "hacked") and enhance the operability of the 509.

Oh well ... guess I'll take it to Ft. Tuthill and see if there are any takers there. Or maybe I should advertise it on Ebay -- some misguided CBer might be willing to pay a bundle for it! :-)

72, L.

Date: Tue, 20 Jul 1999 08:11:11 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-l@LeHigh.edu
Subject: [45634] Ft. Tuthill Update !
Message-ID: <3.0.6.32.19990720081111.00fa17a0@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

It just keeps getting BETTER !

We now have 81 PreRegistered folks for the Ft. Tuthill QRP Symposium and probably double that and more coming.

I am heading out with the 42 Hour Gang Thursday night and should be on site early Friday.

Just received word that Jay Bromley W5JAY, the VE3DNL Marker Generator supplier will be there. If you havent met Jay, take the opportunity, and pick up one of the Ft. Smith Club kits while your at it.

>From Doug Hendricks KI6DS comes word that Brad Mitchell and Gary Diana of Embedded Research are going to provide 50, yes I said 50 TiCK 2B surface mount keyer kits absolutely FREE. To qualify for a kit all you have to do is see Doug Hendricks KI6DS and agree to build the kit at Ft. Tuthill and he will give you one. You will need to provide a 3-5 volt power source, and some hookup wire and a case. There will be a building party at a location to be announced at the Symposium with a couple of soldering irons available.

The door prize list continues to grow with World Radio providing three one year subscription/renewal Certificates. I have always enjoyed Richard Fisher KI6SN's QRP column and to have their support for our QRP Symposium is just iceing on the cake!

I had lunch with Doug Hauff KE6RIE, you know, the Custom Enclosure guru from San Luis Machine He brought along his latest project and all I have to say is you have to see it for yourself at Ft. Tuthill. Just a couple of clues, it is not a new case and you are going to have to have one. The best part is that Doug is still in development and will be seeking your input on his new beauty. So, see Doug Hauff and be part of this exciting project!

This is going to be FUN !

C U THERE...72,,,Jerry...WA6OWR...K

Date: Tue, 20 Jul 1999 08:18:06 -0700 (PDT)
From: Paul Erickson <paule@sfu.ca>
To: walexan@ipa.net
Cc: qrp-l@lehigh.edu (qrp)
Subject: [45635] Re: Contesting Program??
Message-ID: <199907201518.IAA11964@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Wayne,

If you check the TRlog website, go to the "Manual for the latest version" and you will find a list of contests on page 14.

cheers, Paul - VE7CQK - email: paule@sfu.ca

>
> Could you good people tell me what contest the TRlog and NA covers.
> I have looked at there web site and they do not tell me.
> They say that you can add any contest, but I want to know what they are set
> up with already.
> Thanks for all the replies so far.
> Have a great day.
> 73,
> N0EA
> Wayne
> Willard, MO
> FISTS # 4907
> QRP-L # 1058
> Web Page <http://www.qsl.net/n0ea>
>

Date: Tue, 20 Jul 1999 11:37:40 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: franco@bnl.gov
Cc: QRP-L@lehigh.edu
Subject: [45636] Re: QRP - Really! TT2 and ZM2 stuff
Message-ID: <379497C4.1664@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Nick,

Nice to see MY byline on the list, even if you didn't ask permission to use it!

The TT2 keys the +12 Volt DC line, that is why it must be insulated. Look at the schematic very carefully. What you want the key to do is interrupt the flow of +12 volts to the rig.

73

Date: Tue, 20 Jul 1999 11:44:59 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: w1hue@amsat.org
Cc: QRP-L@lehigh.edu
Subject: [45637] Re: TenTec 509 For Sale
Message-ID: <3794997A.3E6C@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Larry,

They probably don't understand what a sweet little rig it really is. If I had the money I'd be tempted, but handicapped life has shrunk my horizons, so to speak!

I have had three or four 509's, the first was in the late 70s, and the more recent ones in the last two or three years. I find them to be perfectly adequate radios. If they have a downside they don't cover the WARC bands. BTW, I still have an Argonaut 515.

73

Date: Tue, 20 Jul 1999 12:01:56 -0400
From: "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>
To: jeff@jehosophat.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45638] Re: Fix for Off-Topic Prob
Message-ID: <37949D74.8E4696F1@voyager.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I've watched this thing brew and boil for a couple days now and I have MY suggestion for the matter. And, since I ready yours, please read mine.....k?

If you have a reply, flame or other such for the sender of something you really think ought not be on qrl-1, WHY NOT EMAIL THEM DIRECTLY-AND SAVE THE LIST FROM MORE BANTER?! I have seen several posts to the list, in general and to individuals, in particular when a private note would have been far better. I get sick of hitting the delete button too, but does whining and crying about it to THE ENTIRE LIST serve ANY purpose at all???? Let me answer that for you.....NO!

My two cents....you may now procede with your flame wars.

72/73,
Erv W8ERV

Date: Tue, 20 Jul 1999 11:45:14 EDT
From: KB90CE@aol.com
To: undisclosed-recipients;;
Subject: [45639] EZ METRIC CONVETOR
Message-ID: <7b1b2f86.24c5f38a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

We Americans (defined as residents of the USA) frequently have problems with metric conversions. In an attempt to clarify the conversion process I now submit some "Useful Metric Conversions."

1 million microphones = 1 megaphone
2000 mockingbirds = two kilomockingbirds
10 cards = 1 decacards
1 millionth of a fish = 1 microfiche
453.6 graham crackers = 1 pound cake
1 trillion pins = 1 terrapin
10 rations = 1 decoration
100 rations = 1 C-ration
10 millipedes = 1 centipede

3 1/3 tridents = 1 decadent
2 monograms = 1 diagram
8 nickels = 2 paradigms
2 wharves = 1 paradox

I hope this proves a useful tool.
Received from Lewis W. O'Brien

Date: Tue, 20 Jul 1999 11:04:47 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <kreinbd@ccgate.dl.nec.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [45640] Re: RF GND from 2nd STORY??
Message-ID: <002c01bed2c9\$b2e9aa70\$6166d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: David Kreinberg <kreinbd@ccgate.dl.nec.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, July 20, 1999 9:16 AM
Subject: RF GND from 2nd STORY??

>
>Gang,
>
>I am having a house built and will be moving by November, or so.
>The new shack will need to be located on the 2nd floor of the new
>digs.
>
>What is the best way to provide an adequate/effective RF ground? I've
>read that putting 1/4 w1 radials for each band on the antenna matcher
>helps. Also, the MFJ artificial ground may help.
>
>Any other ideas? Are some of you out there in this same predicament?

Hi David/Gang,

I've read that you can take a length of RG-58U
and connect the center conductor to the shack

ground-bus, and connect the other center conductor to a ground rod. Now, here's what you do: get two 0.01 bypass caps and connect the center conductor to the shield and both ends. Essentially, what this setup will do is bypass any RF to ground if the this random-length ground wire tries to radiate.

I haven't tried this myself, but others out there in QRP land have probably gave it a shot. Also, I'd make sure that the ground wire isn't an electrical wave-length or multiple there of and calculate the length of the cable to be on the safe side.

Hope this helps,

72/73

Randy Jouett, AB5NI

Date: Tue, 20 Jul 1999 10:15:07 -0600
From: Dave Ek <ekdave@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [45641] Wanted: QRP kit class "sponsor"
Message-ID: <3.0.6.32.19990720101507.007a4ad0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

I'm looking for someone who'd like to buy an assembled SW+40 rig and who's willing to pay in September but receive the rig in November. Here's why:

This fall I'm planning to teach a ham radio kit-building class here in Colorado Springs (<http://home.earthlink.net/~ekdave/kitclass.html>). The participants will each construct an SW+ rig as part of the class.

Last year when I taught this class, I purchased my own SW+40 to use as the class demo model. For each lesson, I'd build the appropriate part of the rig prior to class so that the participants could see what needed to be

done and so I could demonstrate the test procedures. When the class was done, I was the proud owner of my own SW+40.

Well, I now own (and enjoy) both an SW+40 and SW+20. I really don't need another SW+40 of my own, but I'd sure like to have one to use for demos in the class. So, I'm looking for someone who'd like an SW+40, doesn't have the desire or time to build it, and is willing to pay in advance and loan it to me while I build it for use in class. I'll make sure it's built and tested properly, and I'll repair it for you if it develops any problems later.

Contact me if you're interested and we can discuss the details.

72 de Dave AB0G0

Date: Tue, 20 Jul 1999 11:17:39 -0500
From: Johnny Belshe <km5im@telepath.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45642] Electronic software wanted:
Message-ID: <3794A123.A0E3E1AD@telepath.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

HI

Looking for Electronic Software like Electronic Workbench.

Johnny KM5IM

Date: Tue, 20 Jul 1999 12:23:34 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: Paul Erickson <paule@sfu.ca>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45643] Re: Contesting Program??
Message-ID: <Pine.3.89.9907201203.B18173-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII

On Tue, 20 Jul 1999, Paul Erickson wrote:

>

> If you check the TRlog website, go to the "Manual for the latest

> version" and you will find a list of contests on page 14.

>

Naw, save yourself some time and go directly to the NA website. There you will find the description of the software including the contests it covers. :-)

<http://www.contesting.com/datom>

73,

Bob Patten, N4BP

(0 0)

Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

Date: Tue, 20 Jul 1999 09:50:46 -0700

From: Ed Loranger <we6w@qsl.net>

To: qrp-l@lehigh.edu

Cc: william.nichols@epa.state.oh.us

Subject: [45644] Re:QRP Antennas....

Message-ID: <3794A8E6.1B22@qsl.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Bill and Gang. The Arizona sQRPions had the sQRPion antler at Pacificon last year. Ron/KU7Y and I were VERY Lucky to get the last two of them. What a mad rush. Poor Brian/W5VB0, a relaxed fellow, almost had to raise his voice to form a line. After threatening to continue his presentation, order was restored. Brian's talk on QRP portable and backpacking was great. Hopefully I'll survive 9 days in Yosemite starting this weekend.

Oh, I'm on a tangent again....

The little antenna, so easy to use, is wound on a recycled or reclaimed chalk-line spool. Those plastic thing-ees hold a chalkstring that is stretched/snapped over the ground. This Ant. has a total of 66 feet or so of wire on it and each half-wavelength up to the 10 Meter band is marked on the insulated wire. Maybe it's only 1/4 wave on 40 meters....

In fact, I use this thing all the time around the yard for a quick connection and test of my radios. Use two for a dipole or just go end-fed.

I just connect the wire to the ZM-2 ATU, spool off enough wire and really HEAVE the plastic housing over a taller bush or available treebranch. The spool isn't very heavy so don't expect any distance records. Just aim for enough height to get the job done. A waterbottle technique and twine are in order for serious heights. And for Serious-Serious heights, maybe the bow and arrow is needed. har! Then there's that tow ring on the space shuttle. Hmmm.....

When done, Just wind the wire up on the spool. So easy. I expect a do-it-yourself'er can make his/her own without too much effort. Sounds like a weekend for me :)

Maybe mine will get a water-jacket for throwing and a wool jacket for winter.

Enjoy. Thanks to the Az sQRPions!

72/Ed

--

-Ed AR Millennium Q's=>900/2000 QRP-L#1068 BB#101
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: Tue, 20 Jul 1999 08:21:40 -0700
From: "Russ Carpenter" <russ@natworld.com>
To: "QRP-L List" <qrp-l@lehigh.edu>
Subject: [45645] W7EL and AA7QU Combo for Flight of the Bumblebees
Message-ID: <199907201644.JAA20147@guppy.pond.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Roy Lewellen, W7EL, and Russ Carpenter, AA7QU, will be hiking to an obscure corner of the Oregon Cascades for The Flight of the Bumblebees on Sunday, July 25. We'll be using Roy's famous Field Day Special antennas on 20 and 25 meters, and a transceiver of Roy's design, built ugly style.

We'll be using W7EL as our primary call. Roy will exchange his information and Bee number. At the end of the contact, Roy will send ._...., and Russ will call the station using AA7QU. Russ will then exchange his information

and Bee number. Two for one!

Each of us will have a key and keyer, connected to a little switch box so we can quickly change the keying of Roy's rig. We'll probably make 101 mistakes, but it will be fun.

Russ Carpenter, AA7QU
Contest Manager for Adventure Radio Society

PS--Want to find out more about The Flight of the Bumblebees? Cruise on over to http://www.natworld.com/ars/pages/bumblebees/bb_rules.html.

Date: Tue, 20 Jul 1999 13:10:29 -0400
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [45646] Re: Electronic software wanted:
Message-ID: <3794AD85.5E80@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Johnny Belshe wrote:

> Looking for Electronic Software like Electronic Workbench.

It is available from:

Interactive Image Technologies
908 Niagara Falls Blvd.
North Tonawanda, NY 14120-2060
USA
Products/Services: COMPUTER-CIRCUIT DESIGN SOFTWARE
Notes: Electronics Workbench, build and simulate both analog and digital circuits.

Interactive Image Technologies LTD.
111 Peter Street, Suite 801
Toronto, ON M5V 2H1
Canada
Phone: 416-977-5550
800-263-5552 (sales)
Fax: 416-977-1818
Email: ewb@interactiv.com

Web Site: <http://www.interactiv.com/>
Products/Services: COMPUTER-CIRCUIT DESIGN SOFTWARE
Notes: Electronics Workbench 4.1

73,
Ed, W1RFI

Date: Tue, 20 Jul 1999 10:11:49 -0700
From: Ed Loranger <we6w@qsl.net>
To: qrp-1@lehigh.edu
Subject: [45647] Ham Shack Euphoria! Bumblebees in Yosemite!
Message-ID: <3794ADD5.2CDF@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang, the new rental unit is great. The detached garage has a separate area workshop, err, hamshack! I've already put in my Homebrew operating table and got the Spectrum Analyzer and 100 MHz O-Scope analyzing and scope'ing! Wahoo!

There are two, 30 foot long by 3 feet deep work surfaces running the length of the building. Lighting everywhere so I can work on kits with ease. Undertable shelving, flat and angled with stops, and little pull-out micro-drawers between the wall studs. All hand made. There's even a little vertical door to let the chickens in/out of the coop. (No chickens here.) Perhaps I'll hide the class-C QRO Amp behind that door for stealth QRO up to near 5 Watts.

Mom is better and the live-food juice has her in great shape. I'm back at home full time and I've ordered mom a "Green-Life" juicer so she won't need me anymore.

On another Secant.....

The little 49er rig is cool. I had great success with the 180 pF cap in the preselector. I worked Chuck/NJ7M before the Net saturday and that was 2-way QRP/QRPP. Chuck is a regular on WSN-40 and lives in Idaho. I was impressed with his signal on the 49er. Chuck was /Portable camping in Wyoming with his QRP rig.

Encouraged by the ease of this QRPP QSO, I shut off the OHR-100 I was warming up and checked into the net with the 49er.

My signal was so good that the NCS had ME CALL for checkins!
I called once and quickly signed /QRPP/NC49er back to NCS :)

.95 Watts with 12Volt gel cell.

I can't find ANY RIT mod information. I did read the Norcal historic data on their webpage. Nice mods and such, but no RIT. Gotta get TX offset or RX offset however you look at it.

Anyway, K7GT and I are filling the backpacks and hitting the trail THIS Friday, AM. Listen for us in Yosemite National Park. We'll Check into WSN-40 (7040 KHz) Saturday at 9:00 AM Pacific. Shortly thereafter we'll begin our hike to the Bumblebee site. I'm Bee #101. Allan/K7GT is #87. We'll be up there for 9 days and nights and I hope to be on 40 meters a little each morning and definitely at night.

If it's not QRP, it's nowhere to be! -M93M
72 de smilin' Ed/WE6W

--

-Ed AR Millennium Q's=>900/2000 QRP-L#1068 BB#101
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: Tue, 20 Jul 1999 11:17:42 -0600
From: Larry East <wlhue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [45648] RE: TenTec 509 For Sale
Message-ID: <3.0.3.32.19990720111742.009193c0@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>From a note that I recently received:

>

>Just me, but I would never buy a rig with mods. Good for the CB lists.

>

So ... are you saying that you would rather buy a "virgin" radio that's a poorly designed piece of crap rather than a "modified" radio that works great? Takes all kinds... maybe you just like rigs that "chirp", drift, splatter, thump, etc.

I'm certainly not implying that a "virgin" 509 is piece of crap (it's really a pretty decent little rig), but I would apply that to some others ... a "stock" QRP-PLUS, for example, comes pretty close.

Ho boy! Here come the flames! Better get the fire hose ready! :-)

Date: Tue, 20 Jul 1999 12:22:15 -0500
From: "Joel Frederick Kluender" <nf9k@eudoramail.com>
To: qrp-1@lehigh.edu, contest@cqc.org
Subject: [45649] NF9K Gold Rush Entry
Message-ID: <LOEKHDOPMKECGAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fellow QRP'ers,

Well, it wasn't the most stellar performance but I had a blast in the GR Sprint last Sunday. The bands here in Minnesota seemed pretty good with some propagation pretty much to every region of the country. I can't wait until the next Sprint!

Thanks to all of you who were patient with my copying skills. My CW copy speed is high but I'm still getting used to the weak signal work. This is a lot of fun!

Colorado Gold Rush Sprint
NF9K Shakopee, Minnesota
Beam category (TA33 @ 28 feet)
IC-740 @ 5W (used rear ALC jack to achieve QRP)

18 July 1999

Time	Call	SPC	Ant	Mem#Pwr	Pts
2003	K0FRP	CO	B	#32	3
2007	KI0II	CO	W	#192	3
2011	N4ROA	VA	W	5W	3
2012	N4BP	FL	B	5W	3
2016	AF5Z	TX	W	5W	3
2018	K0YO	CO	B	5W	3
2022	W8QZA	CA	B	#490	3
2034	K5LN	TX	V	4W	3
2037	KG4BIG	KY	V	4W	3
2042	K0FRP	CO	B	#32	2
2052	N70U	OR	B	5W	3
2102	KI6DS	AR	B	5W	3
2109	WK2G	NJ	B	5W	3
2113	N4ROA	VA	W	5W	2
2116	N4BP	FL	B	5W	2

2118	KF2PH	NY	V	5W	3	
2129	K5LN	TX	V	4W	2	
2130	KK6MC/5	NM	W	5W	3	
2132	KI0II	CO	W	#192	2	
2135	K0FRP	CO	B	#32	1	
2138	N0RC	CO	W	#602	3	
2141	WK2G	NJ	B	5W	2	
2144	N0SXX	CO	P	5W	3	
2149	K5GQ	TX	B	5W	3	
2155	AC5K	TX	B	2W	3	
TOTALS		11	x	4	x	67

= 2,948 points

DUPES K0FRP-2003, 2042,2135
 N4ROA-2011,2113
 N4BP-2012,2116
 K5LN-2034,2129
 KI0II-2007,2132
 WK2G-2109,2141

SPC CO,VA,FL,TX,CA,KY,OR,AR,NJ,NY,NM
 CQC 32, 192, 490, 602

Join 18 million Eudora users by signing up for a free Eudora Web-Mail account at
<http://www.eudoramail.com>

 Date: Tue, 20 Jul 1999 10:52:37 -0700
 From: "Doug Hauff" <slmachco@fix.net>
 To: <qrp-1@LeHigh.edu>
 Subject: [45650] ULTIMATE STRAIGHT KEY? TRY IT AT TUTHILL!
 Message-ID: <199907201751.KAA19077@fletch.fix.net>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=ISO-8859-1
 Content-Transfer-Encoding: 7bit
 Content-Transfer-Encoding: 7bit

Been developing a very different straight key, have made several prototypes, the latest is pretty close to what I want: very compact, precise, clean action, light weight, well balanced. It is CNC machined from brass and aluminum and uses a magnet for closing force. Although it is very small (fits inside a 1 x 1 x 3" window) and light, it needs no weights or fasteners to hold it in place while in use. The feel is honestly about the best I have experienced...I will have several at Tuthill

and would like anyone who cares to to try one out and give me some feedback; the design, although close, is not final, and suggestions can be incorporated before it goes into production in time for Pacificon. So, if you are at Tuthill this weekend, look me up and give one of these wacky things a try!

72 Doug Hauff KE6RIE

Date: Tue, 20 Jul 1999 12:51:30 -0600
From: "Carl Zmola" <zmola@campbellsci.com>
To: qrp-l@lehigh.edu
Subject: [45651] Where is Ft tuthill?
Message-ID: <19990720184923448.AAA256@carl-zmola>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

OK, I've looked at a map of areas around Flagstaff. Where or what is Ft. Tuthill?

Carl
AC7BB

Carl
zmola@campbellsci.com

Date: Tue, 20 Jul 1999 14:47:10 -0400
From: "Frank Matthews" <fmathews@pilot.infi.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [45652] CW Decoder Parts List...Now Available!
Message-ID: <00bf01bed2e0\$4907ae60\$bf0b61d1@fmathews>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fellow QRP-Lers,

I have gone through the catalogs and have come up with what I feel is an accurate parts list for the CW Decoder in this month's QST. Some of the

parts are from Digi-Key and others from Mouser. I'll even indicate some Radio Shack numbers for a couple of items.

The "parts list" are in HTML format (I saved them directly from my order screen) so I would not have to type them over and also to minimize mistakes. You should be able to open them, view, and print just what I have.

I hope this helps anyone planning to build the decoder. Please e-mail me directly at fmathews@pilot.infi.net if you would like a copy of the parts list files.

72, Frank
KC4FKX

Date: Tue, 20 Jul 1999 15:09:42 EDT
From: Robspark@aol.com
To: qrp-l@lehigh.edu
Subject: [45653] Fair Radio Antenna Tether Wire
Message-ID: <897da572.24c62376@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi folks,

I had requested opinions about the Fair Radio antenna wire (tether wire) a while back. It was about then that AOL blew up for us and I have been unable to get the QRP-L digest since. (but I'm working on it!) I received a couple of opinions on the wire - one pro, the other con. I ordered the wire, and today I received it from Fair Radio. This wire is light, strong, and flexible. The spool contains 306 ft of #22 off-white braided wire. Though a bit pricey at \$17.50 (delivered), it appears to be really good wire for QRP antennas. Just an opinion, and no business interest, etc. with the good folks at Fair Radio.

Bob AB5ZD

Date: Tue, 20 Jul 1999 15:16:41 -0400 (EDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>

Subject: [45654] Milliwatt QRPP fever & miles per watt
Message-ID: <19990720191641.23845.rocketmail@web702.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Good to see the recent posts from Ed AA3SJ on his low power experiments. Plus several others as well.

I did myself a favor a couple weeks ago and revisited all of Bob White's W03B articles in the ARCI QRP Quarterly.

This milliwatt fever has been around awhile. In the 4-98 issue of QQ I was reading abt Brice Anderson W9PNE.

At that time Brice had already done 50mW WAS & was 22 states into 15mW WAS! He had done 15mW WAC, 35 countries @ 15mW, and 50 countries @ 20mW!

I believe it was Brice that said "DX was easier to work with mW than stateside".

I can believe that and so does Ed.

Another very important thing I noted in the Bob White articles is about centering your signal in the other guys bandpass. Boy that is major! I knew that, but its written here so clear I had to mention it.

In QRP, centering your signal when your answering a CQ is major. And in QRPP even more so.

Ed, AA3SJ calls CQ with 50mW and gets answers! He tops me when he does that! WoW!

I just answer CQ's - I pick and choose who sounds like they have a big signal and "big ears". It comes down to us haveing a good path in reality.

If youve got some back issues of QQ, go back and re-read all the Bob White stuff. You'll be glad you did.

And theres allot of other good stuff to see again also.

If you dont have one of the ARCI 1000 miles per watt certificates, work on it! They are a big step forward

in QRP. Yes, a right of passage is correct.

Hanging on my wall is mine, and it reads 1,681,000 miles per watt. I had a 1mW QSO with KL2A near Seattle.

I framed that wallpaper!

72/1'z de Jim KJ5TF

Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Tue, 20 Jul 1999 12:41:03 -0700 (MST)
From: "Mark E. Monninger" <markem@primenet.com>
To: Carl Zmola <zmola@campbellsci.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45655] Re: Where is Ft tuthill?
Message-ID: <Pine.BSI.3.96.990720123537.14226B-1000000@usr05.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Carl...

Ft Tuthill is actually a county park about 5 mi. south of Flagstaff. It borders on the Coconino County Fairgrounds where the hamfest is actually held. Follow I-17 south from Flagstaff and take the airport exit. The airport is on the east side of I-17 and Ft. Tuthill is on the west side. I believe it's the first exit south of Flagstaff.

73... Mark AA7TA (in Gilbert AZ, near Phoenix, about 180 mi s of Flagstaff)

On Tue, 20 Jul 1999, Carl Zmola wrote:

>
> OK, I've looked at a map of areas around Flagstaff. Where or what
> is Ft. Tuthill?
>
>
> Carl

> AC7BB
>
> Carl
> zmola@campbellsci.com
>

Date: Tue, 20 Jul 1999 15:54:04 -0400
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [45656] Work 'em when they are weak! (was Re: Milliwatt QRPP fever & miles per watt)
Message-ID: <3794D3DC.3DFB@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim Hale wrote:

> I just answer CQ's - I pick and choose who sounds like
> they have a big signal and "big ears". It comes down
> to us having a good path in reality.

I recently participated in the MI and ARCI 'tests, using 850 milliwatts. Being crystal controlled, I parked on 7039.4 kHz and called CQ. I keep my receiver "wide" and narrow up when I hear a weak one, so I was hearing others around me. I heard lots of stations answering the "big boys" who seemed to tune right over my weaker signal. By the strength of their signals, their QTHs and my experience with others I had just worked, I have no doubt that I could have worked all of them, but even QRPers seem to fall into the trap of "hunt and pounce" only if the other guy is loud. That weak, but readable, signal you skip over may be QRPP and an easy QS0; give it a go! I would have loved to have worked those half dozen stations I heard working other; they were S9 to me!

> Another very important thing I noted in the Bob White
> articles is about centering your signal in the other
> guys bandpass. Boy that is major! I knew that, but its
> written here so clear I had to mention it.

> In QRP, centering your signal when your answering a CQ
> is major. And in QRPP even more so.

This can be pretty important, but we should also tune around. I do have

a request of all my fellow QRPers; if you are off frequency, give it a try, but make it a long call. I had a few answer my CQs >1 kHz away with a "DE W1XXX" call. I wasn't sure if they were really calling me! A longer call a bit off frequency gives the op a chance to know he or she is being called and time to adjust the receiver for optimum reception. "W1RFI W1RFI de W1XXX W1XXX W1XXX" adds a few seconds, but if you are off frequency, it is actually more efficient. Those fast break calls work when you are loud and the other op has QSK.

Even if you are loud, if the other op has to switch a T/R switch manually (a common occurrence with QRPers), a fast "DE W1XXX" can get lost in the switching time. I worked the MI 'test that way and recognized a few suffixes, but had to do a few QRZs that would have been avoided if another half second had elapsed between the end of my CQ and the fast-break call. Use good judgement; if it is a "big gun" station, he or she is probably set up to deal with a real fast pace, but some are not, for either equipment or operator reasons.

73, Ed Hare, W1RFI

Date: Tue, 20 Jul 1999 12:56:05 -0700
From: Andy Fox <foxes@theriver.com>
To: zmola@campbellsci.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45657] Re: Where is Ft tuthill?
Message-ID: <3794D455.713025B5@theriver.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Carl,

Ft. Tuthill is a county park and fairgrounds for Coconino county. It is just a few miles South of Flagstaff, on the West side of both highway 89 and I-10. It is due West of the airport (which is on the East side of the highways). I can't remember the name of the road that basically connects Ft. Tuthill to the airport. Hope this helps.

73 de Andy, KK7HV (Flagstaff bound Friday morning - yee hah!)

Carl Zmola wrote:

>

> OK, I've looked at a map of areas around Flagstaff. Where or what

> is Ft. Tuthill?
>
> Carl
> AC7BB
>
> Carl
> zmola@campbellsci.com

--

Andy Fox - KK7HV - Tucson, AZ USA - DM42 - QRP-L #1286

Date: Tue, 20 Jul 1999 13:07:45 -0700
From: Andy Fox <foxes@theriver.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45658] Re: Where is Ft tuthill?
Message-ID: <3794D711.79BDD3FD@theriver.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Oops! I-17, not I-10. I forgot that I had to change roads in Phoenix!

Andy Fox wrote:

>
> Hi Carl,
>
> Ft. Tuthill is a county park and fairgrounds for Coconino county. It is
> just a few miles South of Flagstaff, on the West side of both highway 89
> and I-10. It is due West of the airport (which is on the East side of
> the highways). I can't remember the name of the road that basically
> connects Ft. Tuthill to the airport. Hope this helps.

>
> 73 de Andy, KK7HV (Flagstaff bound Friday morning - yee hah!)

>
> Carl Zmola wrote:
> >
> > OK, I've looked at a map of areas around Flagstaff. Where or what
> > is Ft. Tuthill?
> >
> > Carl
> > AC7BB
> >
> > Carl
> > zmola@campbellsci.com
>

> --

> Andy Fox - KK7HV - Tucson, AZ USA - DM42 - QRP-L #1286

--

Andy Fox - KK7HV - Tucson, AZ USA - DM42 - QRP-L #1286

Date: Tue, 20 Jul 1999 16:04:21 EDT
From: RANDY0453@aol.com
To: 70511.3041@compuserve.com, qrp-l@lehigh.edu
Subject: [45659] Re: 20 cw
Message-ID: <683d51c7.24c63045@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I agree 20 meters early this morning UTC was hopping. I worked Bulgaria, France and Croatia back to back with 1 watt and a G5RV. Who needs a linear? Just give me some No-Doze:)

72/73,
Randy N2ZHF
in Central NY

Date: Tue, 20 Jul 1999 16:09:48 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: rules@bellsouth.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45660] Re: RF GND from 2nd STORY??
Message-ID: <3794D78C.5858@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Randy,

The consensus of opinion once was that that method, which may have appeared in 73 Magazine around 1976, does not work. A simple counterpoise works much better!

Of course if any of our antenna experts want to check in I'll listen.

73

Date: Tue, 20 Jul 1999 16:22:03 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:Macstein@aol.com" <Macstein@aol.com>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.edu>
Subject: [45661] Re: 20 cw [and Bumblebee note]
Message-ID: <199907201625_MC2-7DAF-23A9@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Mac and Gang:

Some are wondering about my actual QTH during the Gold Rush Sprint this past Sunday. Yes indeed--I was in South Dakota :-).

Was returning from a weekend business trip, so I just pulled off the highway and onto a large rolling prairie. I quickly hoisted the SD-20 fishing pole with the "L" for 20 and 15.....hooked up the LDG QRP tuner and Sierra...plugged everything into a car battery....and went for it. The band sounded great, and there was Bob N4BP tuning up with his usual HUGE signal.

For once Murphy was a no-show, though some biting flies did manage to drop by ;^(. Also it was very hot and there was no wind blowing, a seemingly rare happening here on the Plains. Thanks to the 45 or so who dropped by to QSO. Will be glad to QSL everyone who wants SD QRP. Please send your cards to the address in my signature box, below.

Re Bumblebee. Really looking forward to the BB outing this weekend. I am #14 and will be operating from high atop Ft. Lincoln, on the western bank of the Missouri River. Custer and the Seventh Calvary went from Ft. Lincoln to the Battle of the Little Bighorn. It is also where Lewis and Clark wintered during their trek in 1804. Quite a historical setting.

I will be up high, near the original infantry site with its three towers. This site affords a spectacular view of the river and surrounding prairie. Should be a wonderful place for operating. Let's hope conditions are favourable. I will likely major on 20 (using my SST-20), but will periodically check out 15 with the Sierra.

Good luck one and all during the BB. Here's hoping to work everyone!

72,
--Doc Lindsey/K0EVZ
DSBF
PO BOX 6028
Bismarck, ND 58506
70511.3041@compuserve.com

Date: Tue, 20 Jul 1999 16:33:52 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: "Robert Macdonald Winchester" <rwinches@tm.net>
Subject: [45662] Yesterday was a GREAT day! (long)
Message-ID: <00af01bed2ef\$30c9c9a0\$010044c0@conor-mac-nessa>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Over the weekend, I got the receiver of the 2N2/40 working, and got the transmitter LO and mixer working.

Yesterday, I had meetings at both ends of the day, but a big chunk of meeting-free time in the middle, so it seemed like a good plan to melt solder. I could just smell that first contact Monday night!

Well, as I was working on the cascode RF amplifier, who should call on the local repeater, but Jim, K8IQY himself! Jim gets up this way once in a while, but this is the first time I've ever actually connected with him in real time. After a bit we were joined by W8LSS, a guy I've known for almost the entire quarter century I've been a ham, and who has been known to melt a bit of solder in his time as well.

We had a nice chat, but of course, it slowed down the soldering, so by the time I had to go back to work, there was still some work to do on the PA.

After supper, anxious to get that first contact, I finished up the PA, took a quick look around, and applied power. No smoke - this is a good sign. Tapped the key and - amazing, the wattmeter danced.

This is looking good, but my heatsinks haven't come in yet so I attacked POT4, which sits in front of the TX driver, to get the power down. All was well for a short while, but all of a sudden the output spiked and refused to respond to the pot. A few seconds later and nothing!

Well, I assumed I toasted the finals - fortunately I have a handful of them in the junk box. But what was wrong? I went through the driver and final with the meter, and although I don't know what the voltages SHOULD be, everything I saw seemed to make sense. Then I got out the RF probe. Well, there was nothing coming out of the finals, but the output from the driver was way higher than I thought it should be. Before I put in the new finals I wanted to get that voltage somewhere on the planet, so I went after POT4 again, and found I couldn't reliably affect the voltage.

After a bit of hunting around with the meter, I discovered that the ground end of POT4 had come loose. This time, I was a lot more emphatic with the solder, and now I could control the driver output. I set it to something that I felt was reasonable - well, maybe a tad conservative - don't want to toast any more finals than necessary!

So, in go the new finals, another inspection, power up again and no smoke! OK, now, hit the key and ... no output :-((*BUT*, I could hear the transmitter on my Icom, so there's some 7MHz RF in the chain, and it sounded pretty clean. Gingerly, I crank on POT4, and lo and behold, the meter moves. A little more, and we're up around where we want to be. So now, I go through the transmitter getting the frequency to make sense relative to the receiver (there are some things here that don't make sense to me ... gotta work on that!) A little playing around, and it's time for an on the air test.

I figured if I could catch him, LSS should be the first Q. His place is far enough away that it's a tough path on 40, but close enough that it's fairly reliable. And Bob and I have participated in all sorts of projects over the decades. Bob fired up his Kenwood, and of course, you know how that goes. You listen around, agree on a clear frequency, and by the time you grab the key there's an S9 QSO in progress! John, KB8PGW joined in for a while, too. John is in the parts collecting phase for a 2N2 himself, but he had to leave before we actually connected. Finally, by the third frequency choice, Bob and I were able to make a contact. I gave him a 1, he was barely above the noise. He gave me a 4. Actually, that's pretty typical for even 5 watts over this path, so it was really good news. (His dipole hears better than my vertical, but my vertical gets out better).

Well, there were pictures to take, some buttoning up to do, some planning for the special 2N2/40 QSL card (of course!!), so there were no more contacts last night.

I see some more of my pictures are ready, so I hope to add to my web page tonight, and there are a few more to take so I can send out the final batch, but I WILL be on 40 tonight. Anyone I catch will get a special 2N2/40 card (although only W8LSS will get the one of a kind 'first blood' QSL).

It should be illegal to have this much fun!

72/73 de WB8RCR <http://www.qsl.net/wb8rcr/>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Tue, 20 Jul 1999 13:44:18 -0700
From: Brian Murrey <brian@iquest.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [45663] See ya!
Message-ID: <99Jul20.140044pdt.17025@firewall.bellind.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'm outta here for about 10 days to take 22 kids to scout camp. Well, me and 7 other "adults".

I'll be back on or about August.

I am Bumblebee 100 and if everything goes well, I'll be working the 40A from somewhere near the middle of the Hoosier National Forest.

Placing group on suspend for now though.

Gud luck!

72

--

=====

KB9BVN	:	NORCAL	#2792	FISTS	#5695	QRP-L	#1540
39.558	N	86.095	W	Johnson	Co.,	Indiana	
GRID:	EM69WN	-	NORCAL	40A	-	Attic	Dipole - 1.5w
Proud to be a member of the American Radio Relay League							

=====

Date: Tue, 20 Jul 1999 16:49:55 -0400
From: "Jim Kortge, K8IQY" <jokortge@cwix.com>
To: zlau@arrl.org
Cc: qrp-l@lehigh.edu
Subject: [45664] Re: Mizuho radio info?

Message-ID: <3.0.1.32.19990720164955.0073e4b0@mail49.cwix.com>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

At 08:43 AM 7/20/99 -0400, Zack Lau wrote:

>I'm not sure if anyone in the USA can supply these--WB0GAZ
>worked with ICM toward trying to make them--ordinary crystals
>don't have the tuning range. 73--Zack W1VT
>

In general I agree with what Zack wrote, but I did get two crystals made for my 40 meter MX-7S by JAN and they were darned good. The lower one, tuned from 7.200 to 7.225, and was perfect, and the higher one tuned from 7.250 to 7.273, instead of 7.275, so was quite good. We tried several times to remake the higher frequency unit so that it would cover the complete 25 KHz span, but never did any better than 23 KHz. Their engineer seemed to have a good feel for what was needed for the Mizuho rigs, but he may no longer be with them.

72 and GL.....Jim, K8IQY

Date: Tue, 20 Jul 1999 13:54:18 -0700
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [45665] Re: RF GND from 2nd STORY??
Message-ID: <3794E1FA.192E@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Real measured data regarding capacitive and direct grounding of your station is on my webpage.

For those who can't browse. Capacitive grounding is severely flawed.

72/Ed we6w

--
-Ed AR Millennium Q's=>900/2000 QRP-L#1068 BB#101
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: Tue, 20 Jul 1999 20:29:47 +0100
From: Larry Cahoon <wd3p@juno.com>
To: radioham@erols.com, qrp-1@Lehigh.EDU
Subject: [45666] Re: Qrp Arcii Awards
Message-ID: <19990720.210429.3982.2.wd3p@juno.com>

On Mon, 19 Jul 1999 10:32:30 -0400 radioham@erols.com writes:

>and, if it is more than 1000, I issue the award. I use the
>coordinates
>from Buckmaster and run them through a program from the ARRL called
>bd.

Another method if you don't have buckmaster is to look up the address on one of the internet mapping websites like mapblast .com. Some of the QSL lookups will even bring up the map with the correct place for the guys QTH. Some of the QSL lookup put you at the center of the county or zip code so it pays to look close if you are close on the miles per watt. Myself, I use streetatlas USA to get the coordinates and then feed it into a little program I wrote for my HP that returns the distance between two points based on the math I copied off of an internet site that will actually do the calculations for you.

73 de Larry.....WD3P in MD

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 20 Jul 1999 17:07:13 -0400
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [45667] 2m HT Recommendations/WTB
Message-ID: <3794E501.6C3EC116@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I need to add 2 meter FM capability to my shack so I can hit a repeater about 20 miles away. THIS IS NOT OFF TOPIC since I will be using it to

check into our local QRP net each week. I know very little about VHF FM and repeaters so I hope the list can provide some recommendations for a basic (inexpensive) HT or small base/mobile unit. I only do HF QRP CW stuff so I got no experience to draw from. The repeater is reported to have good coverage. Any ideas or anyone got a working rig excess to the needs that would fit the bill?

Ed Kwik AB8DF Waterford, MI eakwikjr@hti.com

Date: Tue, 20 Jul 1999 16:27:55 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <eakwikjr@hti.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [45668] RE: 2m HT Recommendations/WTB
Message-ID: <000101bed2f6\$bbba9e70\$ef5d6f81@uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yaesu has a nice little 2-meter only mobile rig for around \$200. That and a good base antenna will easily get you your 20 miles.

Kevin, WB5RUE

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Edward A Kwik jr
> Sent: Tuesday, July 20, 1999 4:07 PM
> To: Low Power Amateur Radio Discussion
> Subject: 2m HT Recommendations/WTB
>
>
> I need to add 2 meter FM capability to my shack so I can hit
> a repeater
> about 20 miles away. THIS IS NOT OFF TOPIC since I will be
> using it to
> check into our local QRP net each week. I know very little
> about VHF FM
> and repeaters so I hope the list can provide some
> recommendations for a
> basic (inexpensive) HT or small base/mobile unit. I only do HF QRP CW
> stuff so I got no experience to draw from. The repeater is
> reported to

> have good coverage. Any ideas or anyone got a working rig
> excess to the
> needs that would fit the bill?
>
> Ed Kwik AB8DF Waterford, MI eakwikjr@hti.com
>
>

Date: Tue, 20 Jul 1999 16:33:27 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <w6toy@erols.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [45669] Re: RF GND from 2nd STORY??
Message-ID: <005301bed2f7\$9cd3bdb0\$6166d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Bruce Muscolino <w6toy@erols.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, July 20, 1999 3:19 PM
Subject: Re: RF GND from 2nd STORY??

Hi Bruce,

>Randy,
>
>The consensus of opinion once was that that method, which may have
>appeared in 73 Magazine around 1976, does not work. A simple
>counterpoise works much better!

Yeah -- I remember reading about that technique years ago in 73, Ham Radio, or QST (prolly 73), Bruce. I can see how the original author -- who ever that was -- could see how it would work, because we're talking about inductance (the ground wire) and capacitance (the spacing between the center conductor and shield and

the two end caps), which we all know is a low-pass filter at some frequencies, a tuned circuit somewhere in the spectrum, and "nada' dog-on thing at others."

I'd imagine that "nada' dog-on thing at others" is the catch-22 that that they're worried about, and that would be a valid concern; however, I was thinking that maybe you could put down multiple runs of 58-U down for the frequencies that you operate on and design a grounding system for each band. Yeah -- this would be a lot of over-kill, but it would still be kinda' neat to play around with. Hmmm. I wonder if anyone has tried to design a grounding-cable system with this in mind?

One problem that I see is: how in the heck is this "tuned circuit" going to deal with a lightning strike?? OTOH, how is any grounding system going to deal with a strike? :^). I guess tons of metal and a solid path to ground works wonders, although I'd seriously look into the possibilities of designing a ground-wire system like this if I had access to a number-crunching, bat-outta-heck computer.

This sounds like a job for the ARRL lab, or maybe they've already done the analysis? National Enquiring minds would like to know ! :^).

72/73,

Randy Jouett, AB5NI

Date: Tue, 20 Jul 1999 15:10:42 -0700
From: Bob Hightower <ki7mn@extremezone.com>
To: qrp-l@lehigh.edu
Subject: [45670] Ft Tuthill
Message-ID: <199907202203.PAA00117@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

It looks like, with all the excitement about Ft. Tuthill, we simply forgot the give directions, for those that have never been there.

If you are driving in from Phoenix, just before you get to Flagstaff on I-17, you'll pass through Kachina Village/Mountainaire, then on a bit further you will come to the airport exit. Get off there, and go to the West side of the freeway, turn North on the frontage road, and after 1/4 mile or so you'll see the entrance to the Park. Go West until you see the signs.

If coming from the East or West, along I-40, take I-17 South from Flagstaff for about 5 miles to the airport exit. Again, get off, go to the West side, then North a bit and enter the Park.

Anyone coming in from the Sedona area, along highway 89, you'll see the frontage road just as you get to I-17, so don't get on the freeway, just go North to the gate.

If there is anyone who isn't covered by these directions, just get on 146.980 (-), PL 100 when you get to Flagstaff, and call in..someone will be listening and can guide you in.

The local simplex talk-in will be 146.46 when you get close.

Hope to see a bunch of you there. Jerry has 81 pre-registrants, so it ought to be a big crowd. Many more walk-ins are expected, so it should be cozy in the meeting room.

72,73

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Tue, 20 Jul 1999 18:14:43 -0400

From: "Al Gritzmacher " <ae2t@localnet.com>

To: Wayne Alexander <walexan@ipa.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [45671] Re: Contesting Program??

Message-ID: <199907202117.RAA12309@mx2.localnet.com>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

Content-Transfer-Encoding: 7BIT

Let me second the motion for TR-Log. <http://www.qth.com/tr/>

I've been using it for many years and it's definitely the most efficient, flexible contest logger out there.

Many features found in TR first have been adopted by the others. Tree, N6TR, listens to suggestions from the users and comes up with improvements, often just in time for big contests. Program updates are easy - he'll send them to you over the internet.

Can't beat that! I'm a lifetime subscriber to the updates.

On 19 Jul 99, at 21:59, Wayne Alexander wrote:

> Could some one tell the web site to NA and TR-LOG.
> I am thinking about a contest program.
> What is the best one out there?
> Would like it to be able to key the rig with it also.
> I know I will get a bunch of E-mail but love it.
> Thanks,
> 73,
> N0EA
> Wayne
> Willard, M0
> FISTS # 4907
> QRP-L # 1058
> Web Page <http://www.qsl.net/n0ea>
>

=====
The amazing thing about QRP is not how many contacts are made, but that they are made at all. Every QSO is a contradiction of conventional wisdom.

72,
Al Gritzmacher, AE2T
QRP-L #1664 QRP-ARCI #9837 K2 #274
ae2t@arrl.net
<http://members.localnet.com/~ae2t/>
QRP - If you don't try, you'll never know!

Date: Tue, 20 Jul 1999 17:18:00 -0500
From: Jay Bromley <w5jay@alltel.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45672] VE3DNL Marker/Generator and Frequency Markers
Message-ID: <3794F598.A6FB6D8E@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

When you do a small kits like this you get all sort of neat stuff in the mail with the checks like QSL cards, ect. I did not write the call on this sheet of paper so I can't give them proper credit.

What it is a advertisement of a Frequency Marker. Prices are \$16.50 for the kit, \$19.95 wired & tested, \$29.95 built with cabinet and switch. All the above are less crystals. Kit models are without switch kit. Crystals are \$3.50 and the switch kit is \$1.00.

They have a picture of the board on page 101 in the June issue of QST. It has 3 chips on a glass epoxy board and operates on 4.5 volts. Oh, I almost forgot, you will need a pretty good library of QSTs for this one, the year is 1970.

Who says things cost more as time goes on? Looks like the VE3DNL kit is not only a neat kit, but also a good buy to boot.

Sorry, I couldn't resist the temptation and thanks to the person that sent this!!

73 de w5jay..

Date: Tue, 20 Jul 1999 18:30:06 -0400
From: S LYON <sslyon@worldnet.att.net>
To: qrp chat <qrp-l@Lehigh.EDU>
Subject: [45673] TOROIDS: AMIDON changed #'s !!??
Message-ID: <3794F86E.8D7B29CF@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

\Greetings, all

I'm going ot build a Z-match (W6JJZ) and went to Amidon page today to look up the cores it needs. Now remember, I've just landed on Earth after being away since the 60's, (no, not incarcerated, but that's another story...) -and am trying to catch up with technology. Under "Iron Powder Cores" it lists the mixes & specs, BUT the number we've been using appear to be changed. For instance, #6 mix spec'd in the Z-match article is listed in the NA5N book as u = 8. O.K., now look it up in Amidon and it says it's now #4, "formerly #6". The #2 mix, u = 10 is now #6. Anyone gone thru this exercise?

Also, a friend brought up a good question: what if you glue together a #2 and #4 cores of the T-68 size? Do you get a nice compromise re

frequency range? -along with compatible A1 of the T-130?

Lastly, do I really have to buy a minimum of 24 of these gems? Has there been a group buy organized for these budget-busters? Thanks for the help.

72

-s-

--

'Seab' Lyon - AA1MY

Beacon NY USA FN-31

QRP-L 574 ARCI 9253

Date: Tue, 20 Jul 1999 15:53:10 -0700

From: "John Moriarity" <k6qq@hdo.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [45674] Ft. Tuthill....AArrrrrrggghh!!

Message-ID: <005701bed302\$ef5d0a40\$f7424cd1@k6qq>

MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Well, folks, once again the fates have conspired to keep me from attending.

My wife may need surgery this week :-(

But, let me tell you, she is a *GOOD* wife. She said that I should go to Ft. Tuthill by myself, and that she would get someone else to take her to the hospital.

No Way!!

See you at Pacificon (fingers crossed).

72,

John, K6QQ

End of QRP-L Digest 1524
